

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	52	(US-2946244-\$ or US-4385854-\$ or US-7192223-\$ or US-6322298-\$ or US-5639191-\$ or US-5348429-\$ or US-5173015-\$ or US-4050835-\$ or US-3838934-\$ or US-3788760-\$ or US-3690782-\$ or US-2869153-\$ or US-2784267-\$ or US-2580061-\$ or US-1681326-\$ or US-D575311-\$ or US-7258513-\$ or US-7220088-\$ or US-7175371-\$ or US-6902361-\$ or US-6814527-\$ or US-6079078-\$ or US-5667565-\$ or US-5653561-\$ or US-5292210-\$ or US-5061123-\$).did. or (US-4986371-\$ or US-4955984-\$ or US-3934661-\$ or US-3776647-\$ or US-3757891-\$ or US-3583821-\$ or US-3339435-\$ or US-1398814-\$ or US-1237064-\$ or US-0881856-\$ or US-6648562-\$ or US-3039330-\$ or US-4337980-\$ or US-1600911-\$ or US-1420915-\$ or US-1058654-\$ or US-0328886-\$ or US-4911588-\$ or US-2791922-\$ or US-5100271-\$ or US-0944915-\$ or US-0511327-\$ or US-	USPAT; USOCR	OR	ON	2009/04/30 09:46

		1461548-\$ or US-1283740-\$ or US-0972155-\$).did. or (US-3587124-\$).did.				
L9	8	8 and bolt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/30 09:46
S1	3	("2946244").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/27 17:18
S2	2	("4385854").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/27 17:18
S4	13	(US-6322298-\$ or US-5639191-\$ or US-5348429-\$ or US-5173015-\$ or US-7192223-\$ or US-4050835-\$ or US-3838934-\$ or US-3788760-\$ or US-3690782-\$ or US-2784267-\$ or US-2580061-\$ or US-2869153-\$ or US-1681326-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/27 17:20
S5	281	(US-20080155779-\$ or US-20070292222-\$ or US-20070243031-\$ or US-20070122243-\$ or US-20070065242-\$ or US-20060272123-\$ or US-20060153650-\$ or US-20060147284-\$ or US-20050286983-\$ or US-20050281627-\$ or US-20050268427-\$ or US-20050169719-\$ or US-20050105975-\$ or US-20050089380-\$ or US-20050084344-\$ or US-20050047880-\$ or US-20050013674-\$	US-PGPUB; USPAT	OR	ON	2009/04/27 17:40

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or (US-7281886-\$ or US-7258513-\$ or US-7226251-\$ or US-D542313-\$ or US-7213708-\$ or US-7207751-\$ or US-7195429-\$ or US-7182150-\$ or US-7175371-\$ or US-7168894-\$ or US-7160063-\$ or US-7134817-\$ or US-7118609-\$ or US-7047647-\$ or US-7017680-\$ or US-7001121-\$ or US-6997653-\$ or US-6951439-\$ or US-6910960-\$ or US-6905291-\$ or US-6902361-\$ or US-6896453-\$ or US-6887146-\$ or US-6854937-\$ or US-6851898-\$ or US-6848985-\$).did. or (US-6835030-\$ or US-D499946-\$ or US-6830113-\$ or US-6814527-\$ or US-6666286-\$ or US-6641634-\$ or US-6615930-\$ or US-6503029-\$ or US-6457915-\$ or US-6443676-\$ or US-6413022-\$ or US-6412572-\$ or US-6394940-\$ or US-6309147-\$ or US-6296426-\$ or US-

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S6	130	(JP-2007083345-\$ or JP-2006281416-\$ or JP-2006255815-\$ or JP-2006224289-\$ or JP-2006192525-\$ or JP-2006187854-\$ or JP-2006150552-\$ or JP-2006088285-\$ or JP-2006076092-\$ or JP-2006068880-\$ or JP-2006051680-\$ or JP-2005335060-\$ or JP-2005305577-\$ or JP-2005297318-\$ or JP-2005231007-\$ or JP-2005138270-\$ or JP-2005059111-\$ or JP-2005007829-\$ or JP-2004314284-\$ or JP-2004306212-\$ or JP-2004276194-\$ or JP-2004243693-\$ or JP-2004114230-\$ or JP-2004017278-\$ or JP-2003285208-\$ or JP-2003266222-\$). did. or (JP- 2003258437-\$ or JP- 2003136362-\$ or JP- 2003094218-\$ or JP- 2003071677-\$ or JP- 2003011033-\$ or JP- 2003001510-\$ or JP- 2002370223-\$ or JP- 2002331437-\$ or JP- 2002144188-\$ or JP- 2002127103-\$ or JP- 2002086307-\$ or JP- 2001353715-\$ or JP- 2001353608-\$ or JP- 2001259960-\$ or JP- 2001162616-\$ or JP- 2001129744-\$ or JP- 2001090022-\$ or JP- 2001079705-\$ or JP- 2000334697-\$ or JP- 2000334636-\$ or JP- 2000326122-\$ or JP- 2000317709-\$ or JP- 2000233309-\$ or JP- 2000233308-\$ or JP- 2000141113-\$ or JP- 2000084785-\$ or JP- 2000005971-\$).did.	JPO	OR	ON	2009/04/27 18:07
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S9	936	(408/67).CCLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF 2009/04/27 18:09
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S11	159	(DE-102006018976-\$ or WO-2007104813-\$ or GB-2435438-\$ or GB-2433045-\$ or FR- 2892958-\$ or GB- 2429943-\$ or GB- 2426967-\$ or EP- 1714735-\$ or EP- 1702713-\$ or KR- 2006090039-\$ or KR- 2006073010-\$ or KR- 2006063849-\$ or AU- 2006100363-\$ or KR- 2006058778-\$ or AU- 2005202845-\$ or DE- 102004035875-\$ or EP-1600255-\$ or EP- 1593447-\$ or FR- 2868974-\$ or EP- 1623793-\$ or WO- 2005090036-\$ or WO- 2005025792-\$ or DE- 10319597-\$ or ES- 2213463-\$ or BR-	DERWENT	OR	ON	2009/04/28 17:34		

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S13	2	(jeung near2 kyun near2 lee).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/28 17:43
S14	282	(408/101).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 09:19
S15	936	(408/67).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 09:19

S16	10	S14 and S15	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:19
S17	272	S14 not S15	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:25
S18	5	(tap near2 separation near2 hole)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:35
S19	246	(tap near2 remov\$3 near2 hole)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:35
S20	39	(tap near2 removal near2 hole)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:35
S21	3	(tap near2 removal near2 chuck)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:38
S22	15	(tap near2 hole near2 chuck)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:45
S23	44	(bit near2 removal near2 chuck)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:46

S24	3	(bit near2 separation near2 hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:48
S25	71	(bit near2 removal near2 hole)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:49
S26	22	(bit near2 hole near2 chuck)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 09:54
S27	576	(408/137).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 11:08
S28	544	S27 not (S14 S15)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 11:08
S29	242	(408/138).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 13:07
S30	282	(408/101).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 13:07
S31	936	(408/67).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 13:07

S32	576	(408/137).CCLS.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 13:07
S33	201	S29 not (S30 S31 S32)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 13:07
S34	82	(S29 S30 S31 S32) and "o-ring"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 13:26
S35	49	(US-2946244-\$ or US- 4385854-\$ or US- 7192223-\$ or US- 6322298-\$ or US- 5639191-\$ or US- 5348429-\$ or US- 5173015-\$ or US- 4050835-\$ or US- 3838934-\$ or US- 3788760-\$ or US- 3690782-\$ or US- 2869153-\$ or US- 2784267-\$ or US- 2580061-\$ or US- 1681326-\$ or US- D575311-\$ or US- 7258513-\$ or US- 7220088-\$ or US- 7175371-\$ or US- 6902361-\$ or US- 6814527-\$ or US- 6079078-\$ or US- 5667565-\$ or US- 5653561-\$ or US- 5292210-\$ or US- 5061123-\$).did. or (US-4986371-\$ or US- 4955984-\$ or US- 3934661-\$ or US- 3776647-\$ or US- 3757891-\$ or US- 3583821-\$ or US- 3339435-\$ or US- 1398814-\$ or US-	USPAT; USOCR	OR	ON	2009/04/29 14:03

		1237064-\$ or US-0881856-\$ or US-6648562-\$ or US-3039330-\$ or US-4337980-\$ or US-1600911-\$ or US-1420915-\$ or US-1058654-\$ or US-0328886-\$ or US-4911588-\$ or US-2791922-\$ or US-5100271-\$ or US-0944915-\$ or US-0511327-\$).did. or (US-3587124-\$).did.				
S36	5	S35 and "o-ring"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:04
S37	5	S35 and (o adj ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:05
S38	19	S35 and (ring)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:05
S39	14	S38 not S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:05
S40	4	S35 and (chuck with length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:18
S41	22	(S29 S30 S31 S32) and (chuck with length)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:18

S42	21	S41 not S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 14:18
S44	1013	(408/226).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:02
S45	242	(408/138).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:02
S46	282	(408/101).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:02
S47	936	(408/67).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:02
S48	576	(408/137).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:02
S49	1004	S44 not (S45 S46 S47 S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 18:02
S50	380	(279/155).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/29 18:12

S51	374	S50 not (S44 S45 S46 S47 S48)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/29 18:12
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